May 31, 2006
9704-PFS-153

DOCUMENT CONTROL DESK
UNITED STATES NUCLEAR REGULATORY COMMISSION
WASHINGTON, D.C. 20555

Subject: GT STRUDL Program Report Forms 2006.06 & 2006.09

Reference: a) Boeing Letter G-1151-RSO-92-365 dated August 31, 1992; R.S.
                 Orr to the NRC Operations Center

             b) NRC Letter Docket No. 99901227 dated August 12, 1992; L. J.
                 Norrholm to R. S. Orr; Subject: Response to 10 CFR 21 Inquiry

Dear Sir or Madam:

In accordance with the Reference correspondence and 10 CFR 21, Boeing is
sending the NRC the attached error notices received from our former software
suppliers. Because of unknown current addresses, the following former
customers were not notified:

         Reactor Controls, Inc
         Echo Energy Consultants
         Nuclear Applications and Systems Analysis Company (Japan)
         Nuclear Power Services
         GPU Nuclear Corporation
         Tenera, Inc.
         Stone & Webster Engineering
         Raytheor Engineers & Constructors
         Gilbert Associates, Inc.

Error notices have been sent to our other former customers.

Very truly yours,

Pat Soroe
Nuclear Administrator
206-300-2845
patricia.f.soroe@boeing.com

Enclosures: GT STRUDL Program Report Forms 2006.06 & 2006.09

IE20

GTSTRUDL Program Report Form

SEVERITY LEVEL:

X URGENT   Problem results in incorrect answers which may not be apparent
                     or job aborts and cannot be recovered within the session or job.

_ SERIOUS   Problem results in incorrect answers which are obvious or
                     problem prevents completion of a particular user's task.

_ MINOR   Problem can be worked around or problem poses high frustration
                     factor.

_ INFORMATIVE   Documentation error, program usage tip, user inconveniences.
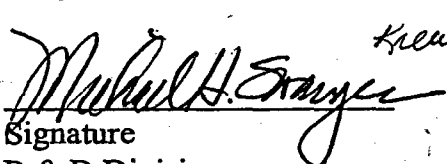
Date Problem Confirmed __March13, 2006_____

Date Notification Sent ____3/23/06_____

Computers __All_____

Operating System__All_____

Version __All Versions 9701 and later_____

Target Release for Correction   Version 29.0

Krew

_____   ___Sr. RE_____
Signature   Title
R & D Division

_Michael H. Swanger____   _3/23/06_____
Typed or Printed Name   Date of Signature

_____   _Configuration Control Manager_
Signature   Title
Professional Services Division

_David C. Key____   _3/23/06_____
Typed or Printed Name   Date of Signature

Rev. 2.5

GTSTRUDL Program Report Form
(Continued)

DESCRIPTION:

The LIST REACTIONS command may produce incorrect results for support joints that are also master joints for the joint ties constraint. This problem does not pertain to the other types of joints constraints: rigid plane, rigid plate, and rigid pin. The LIST SUMMATION REACTIONS command may similarly produce incorrect results if these joint ties master-support joint conditions are present.

The only viable work-around is to modify the model so that master joints for joint ties are not also support joints.

GTSTRUDL Reference Manual Sections

Joint Constraints – Rigid Bodies and Joint Ties   Section 2.6.5, Volume 3, GTStrudl Reference Manual

Static Analysis Computed Results Output -
LIST Command   Section 2.1.14.4, Volume 1, GTStrudl Reference Manual

GTSTRUDL Program Report Form

GPRF No.: ~~2005~~.09   *2006*

DATE: 3/16/06

FROM: Computer-Aided Structural Engineering Center
        Georgia Institute of Technology
        Atlanta, Georgia 30332-0355

SEVERITY LEVEL:

__X__ URGENT   Problem results in incorrect answers which may not be apparent
                       or job aborts and cannot be recovered within the session or job.

___ SERIOUS   Problem results in incorrect answers which are obvious or
                       problem prevents completion of a particular user's task.

___ MINOR   Problem can be worked around or problem poses high frustration
                       factor.

___ INFORMATIVE   Documentation error, program usage tip, user inconveniences.

Date Problem Confirmed __March13, 2006_____

Date Notification Sent __3/16/06_____

Computers __All_____

Operating System __All_____

Version __All Versions 9701 and later_____

Target Release for Correction . Version 29.0

(Knu)
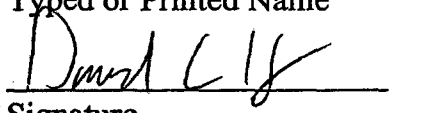
Signature
R & D Division

__Michael H. Swanger__
Typed or Printed Name

Signature
Professional Services Division

__David C. Key__
Typed or Printed Name

__Sr. RE_____
Title

__3/16/06_____
Date of Signature

__Configuration Control/Manager__
Title

__3/16/06_____
Date of Signature

Rev. 2.5

GTSTRUDL Program Report Form
(Continued)

DESCRIPTION:

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GTSTRUDL Reference Manual Sections

Joint Constraints – Rigid Bodies and Joint Ties	Section 2.6.5, Volume 3, GTStrudl Reference Manual
Static Analysis Computed Results Output - LIST Command	Section 2.1.14.4, Volume 1, GTStrudl Reference Manual